

MUNICIPALITY OF ANCHORAGE, ALASKA

APRIL 2017

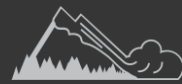
FEMA's Risk MAP Program helps strengthen communities by identifying actions they can take now to reduce their hazard risk, enhances local planning, improves outreach through risk communications, and increases local resilience to natural hazards. Below is an overview of some key items documented in the Risk Report.



The MOA can expect flood losses of \$376M. At 6.94 percent, the area of Girdwood has the highest economic loss ratio of structures in the SFHA.

Of the 85,378 buildings in the project area, 432 are in Zones A, AE, AH, or AO.

The number of flood insurance policies in the MOA (457) is higher than the number of properties in the mapped SFHA (432). Communities look to have a comparable level of insurance for their risk.



216 structures were identified within avalanche hazard areas, with an estimated building value of \$48M. The majority of these structures are located within Eagle River (111), and Girdwood (75).



The Lower Fire Lake Dam inundation area would impact 130 buildings in Eagle River, resulting in a \$13M loss.



In the summer of 2016, the McHugh Fire burned 778 acres of wildland.



Approximately \$6.3B in building and content values (5,092 improved parcels) in the studied communities are at risk from a landslide hazard occurrence.



While multiple past Presidentially Declared Disasters were referenced in the Risk Report related to flood, earthquake, avalanche, dam failure, landslide, and high winds, only three Declarations impacted the MOA directly. These disasters involved flood, severe winter storms, avalanches, and high winds.



State and local officials can use the information in the Risk Report to integrate hazards into current land use planning, identify areas for mitigation projects, and develop outreach materials for residents.



The largest percentage of non-English-speaking residents in the MOA speak Asian and Pacific* languages at home.



Earthquake assessments were based off of three scenarios; M7.1, M7.2, and M7.5. The MOA would experience a total building dollar loss from the M7.2 scenario of \$468.2M.



Following a M7.2 earthquake a total of loss of essential facility damage would equal \$57.8M. Transportation system impacts would cause damage to highways, railways, bus systems, the Port, and the airport, resulting in an economic loss of \$50.3M

KEEPING THE MUNICIPALITY OF ANCHORAGE SAFE: Your Risk MAP Timeline



**Language categories determined by the US Census Bureau*